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EE-Yugoslavia
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AD HOC 186/70

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(See Izvestaji i Studije for instructions)

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Sci - Engr

Apr 60

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Sci - Aero

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ACSI I-1311
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Sci - Space/res

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pp 62-65.
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Sci - Aero
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ID 2204018764

Sci - Aero
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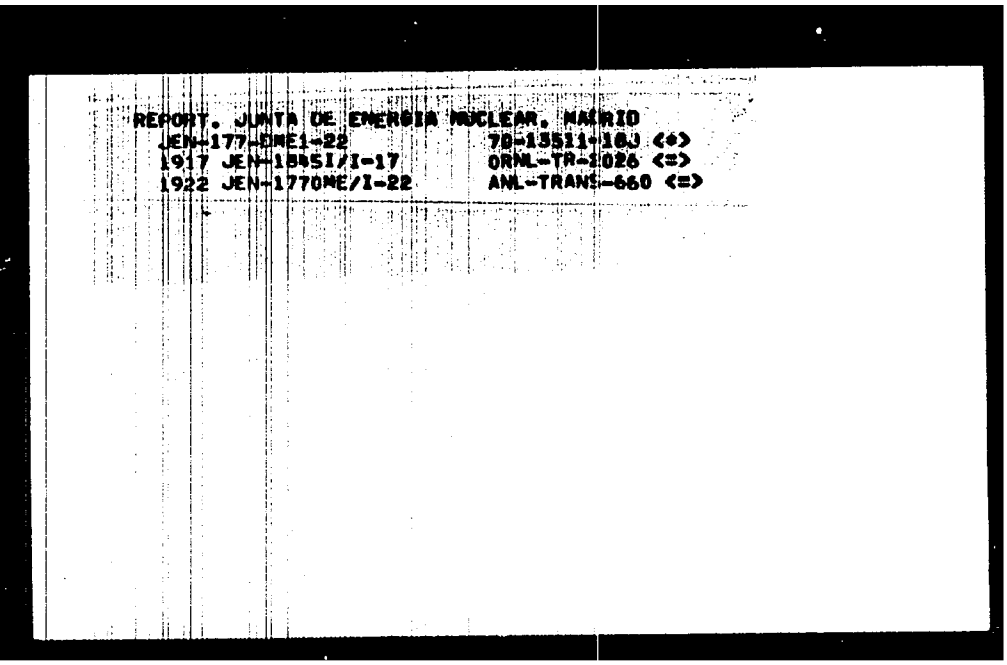

REPORT. JUNTA DE ENERGIA NUCLEAR, MADRID
JEN-177-ENE1-22 70-13511-16J <6>
1917 JEN-1845I/I-17 ORNL-TR-1026 <=>
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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

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Off of Property and Supply
Division of Office Services

EEur - Spain
Econ - Shipping
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Econ
12 Mar 63

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On the Variable Conditions in Gas Transmission Mains, by M.G. Ribaud. FRENCH, per J. Usin. Gaz. Vol. 76, No. 3 1952, pp 76, Vol. 76, No. 4, 1952, pp 1.
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THE ROLE OF THE GUILITY PARTY IN DIVORCE CASES,
BY TUDOR POPESCU, 18 PP.

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JPRS 18195

EEUR - RUMANIA
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JPRS 21114

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JPRS 23974

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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

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JPRS 24429

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EE-Rumania
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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

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JPRS 25518

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RUMANIAN, per, Justitia Nouă, Bi Vol V, May 1964, pp 3-12.
JPRS 25726

EEur-Rumania
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RUMANIAN, per, Justitia Nova, Jun 1964, pp 3, 4.
JPRS 26111

EE-Rumania
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Aug 64 265,932

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RUMANIAN, per, Justitia Nova, Vol XX, No 8, 1964, pp 21-33.
JPRS 27093

EE-Rumania
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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

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JPRS 28202

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GERMAN, per, Justus Liebigs Annalen der Chemie, Vol XXXIX, 1841, pp 160-168.

SLA 60-10835

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Sep 60

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

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GERMAN, per, Justus Liebigs Annalen der Chemie, Vol CIV, 1857, pp 251-287.

SLA 60-10837

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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

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The Oxidation Products of Fats, II, by A. E. Arppe, 9 pp.

GERMAN, per, Justus Liebigs Annalen der Chemie, Vol CXX, 1861, pp 288-295.

SLA 60-10836

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Lippmann, E.
SYNTHESIS OF LACTIC ACID. [1962] 4p.
Order from SLA $1.10 62-14235

Trans. of [Justus Liebigs] Ann[alen der Chemie] (Germany) 1864, v. 129, p. 81-87.

DESCRIPTORS: *Lactic acid, Synthesis, Organic acids, Acids.

(Unannounced)

62-14235

1. Lippmann, E.

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*AEC

Sci - ~~Chem~~

Sep 58

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GERMAN, per, Justus Liebig's Annalen der Chemie, Vol CCXVI, 1883, pp 14-17.

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Sci - Chem

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General Observations on Azoles; Rearrangement of Thiocyanogen Ketones into Hydroxythiazoles and Reduction of the Latter to Thiazoles; Contributions to the Knowledge of the So-Called "Mustard Oil Acetic Acid"; On Aminothiazoles and Their Isomers, by A. Hantzsch, L. Arapides, V. Traumann, 52 pp.

GERMAN, per, Justus Liebigs Ann der Chem, Vol CCXLIX, 1888, pp 1-53.

SLA 59-15871

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GERMAN, per. Justus Liebigs Ann der Chemic, Vol. 003, 1889, pp 257-280.

SLA 99-15870

Sci
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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

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TT-65-13449 Field 7C

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11p, 12refs.
Order from SLA: $1.60 as TT-65-13449

Trans. of Justus Liebigs Annalen der Chemie (Germany) v278 p229-39 1893.

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Addition Products and Compounds of Hexamethylene Amines
by M. Moschatos, B. Tollens, 13 p.

GERMAN, per, Justus Liebigs, Annalen der Chemie,
1893, Vol CCLXXXI , No 3, pp 271-288.

SLA 60-10317

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The Effect of Thionylchloride on Acid Amides, by A. Michaelis, H. Siebert, 6 pp.

GERMAN, per, Justus Liebigs Annalen der Chemie, Vol CCLXXIV, 1893, pp 312-315.

SLA 60-10533

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Schiff, Hugo.
STUDIES OF BIURET COMPOUNDS. I. BENZAL BIURET AND RELATED COMPOUNDS. [1963] 9p. 13 refs.
Order from SLA $1.10 63-14207

Trans. of [Justus Liebigs Annalen der Chemie] (Germany) 1896, v. 291, p. 367-377.

DESCRIPTORS: *Urea derivatives, Benzyl radicals, Carbamyl radicals, Amines, Synthesis (Chemistry), Methyl radicals, Ethyl radicals, *Cyanuric acid, Urea, Carbonic acids, Ethers, Carbamyl radicals, Chlorides.

(Chemistry--Organic, TT, v. 10, no. 4)

63-14207

1. Title: Biuret compounds
I. Schiff, H.
II. Title: Benzal ...

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

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On Solid Butadiene Dibromide, by Johannes Thiele, 7 p.

GERMAN, per, partial trans, Justus Liebigs, Annalen der Chemie, 1899, Vol CCCVIII, pp 333-343.

SLA 59-20275

Sci
Mar 60
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Vorländer, D. and Schilling, R. v.
PREPARATION AND PROPERTIES OF ANHYDROUS PERCHLORIC ACID. [1961] 7p. 10 refs.
Order from SLA $1.10 61-20035

Trans. of Justus Liebigs Annalen der Chemie (Germany) 1900, v. 310, p. 369-380.

DESCRIPTORS: Perchloric acid, Anhydrides, Preparation, Sulfuric acid, Perchlorates, Potassium compounds, Chemical reactions.

(Unannounced)

61-20035

I. Vorländer, D.
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Communication No 3, by Hermann Matthes, 5 p.

GERMAN, per, Partial Trans, Justus Liebigs Annalen der Chemie, 1901, Vol CCCXV, No 1, pp 104-137

SLA 60-10559

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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

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Manchot, W. and Herzog, J.
THE AUTOXIDATION OF HYDRAZOBENZENE.
[1963] 12p. 3 refs.
Order from SLA $1.10 63-16023

Trans. of [Justus Liebigs] Ann[alen der Chemie] (Germany) 1901, v. 316, p. 331-332.

DESCRIPTORS: *Hydrazines, *Phenyl radicals, Oxidation, Hydrogen compounds, *Peroxides, *Azo radicals.

(Chemistry--Organic, TT, v. 10, no. 7)

63-16023

1. Title: 1,2-Diphenylhydrazine
I. Manchot, W.
II. Herzog, J.

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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

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Concerning the Organic Compounds of Phosphorus with Nitrogen, by A. Michaelis, 10pp.
GERMAN, per, Justus Liebigs Annalen der Chemie, Vol 326, 1902, pp 129-148.
CFSTI TT-64-18894.

322,331

Sci - Chemistry
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Thiele, Johannes.
PRODUCTION OF DELTA-1 ANGELICA LACTONE FROM DELTA-2 ANGELICA LACTONE. [1961] 4p
Order from SLA $1.10 61-10048

Trans. of [Justus Liebigs] Annalen [der Chemie] (Germany) 1902, v. 319, p. 194.

DESCRIPTORS: *Lactones, Production, Synthesis.

(Unannounced)

61-10048

1. Thiele, J.

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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

Mittheilung aus dem Anorganisch-~~X~~chemischen Laboratorium der Konigl, Technischen Hoshschule zu Munchen, II. Ueber einige Legirungen des Cers und des Lanthans, by W. Mughmann, H. Beck.

GERMAN, per, Justus Liebig's Annalen der Chemie, Vol CCCXXXI, 1904, pp 46-~~X~~57.

*AEC

S&X
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n-Methylol Compounds of the Acid Amides, Dissertation No I., by Alfred Einhorn, Eduard Fischkopff, 7 pp.

GERMAN, per, Justus Liebigs Annalen der Chemie, Vol CCCXLIII, No 2/3, 1905, pp 207-266.

SLA 60-10558

119,068

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On the Carbomethoxy-Derivatives of Phenol-Carboxylic Acids and Their Use for Syntheses, IV, by Emil Fischer, Karl Freudenberg, 38 pp.

GERMAN, Justus Liebigs Annalen der Chemie, Vol CCCLXXI, No 3, 1910, pp 32-68.

SLA 60-10775

Sci

OTS, Vol III, No 6
Sep 60

126,868

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

Concerning the Quaternary of the Alkylideneamines and a General Method Alkylating Primary Amines to Secondary Amines, by H. Decker, P. Becker, 7 pp.

GERMAN, Ber, Justus Liebigs Ann Chem, Col CCCXCV, 1913, pp 362-377.

SLA Gr 2926

Sci - Chemistry
Feb 58

57,607

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

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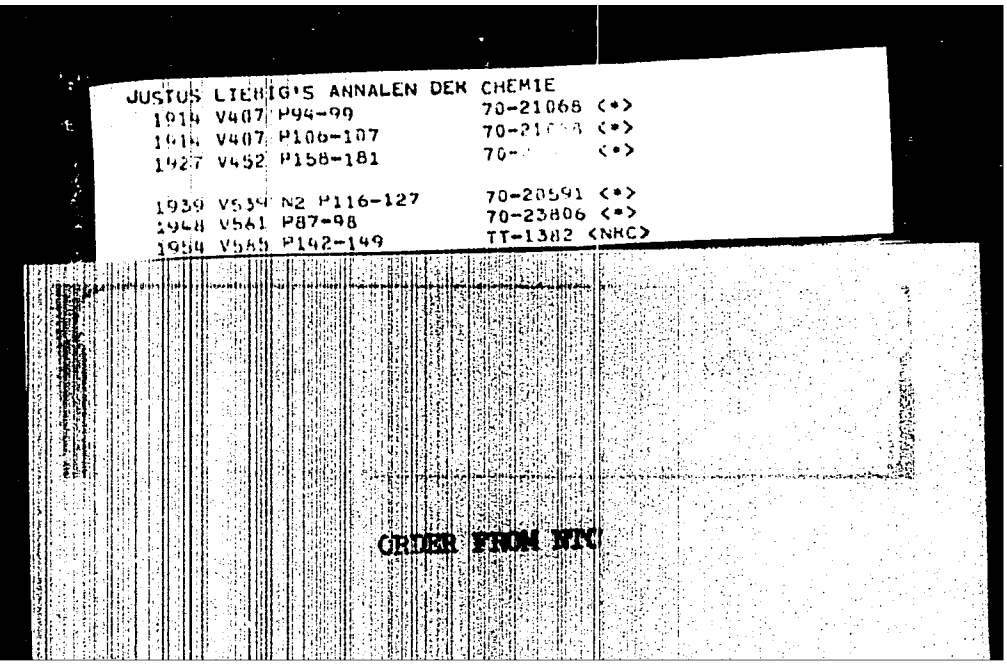

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

Auwers, K. and Ziegler, K.
HYDROCARBONS OF THE SEMIBENZENE GROUP. I. CARBOXYLIC ACIDS OF THE SEMIBENZENE GROUP. II. CHLORO- AND BROMODERIVATIVES OF ALKYLATED CYCLOHEXADIENONES. III. [1961] 57p. (figs. tables, refs. omitted).
Order from SLA $5.60 62-10113

Trans. of [Justus Liebigs] Annalen der Chemie (Germany) 1921, v. 425, p. 217-313.

DESCRIPTORS: Hydrocarbons, Benzenes, Carboxylic acids, Cyclohexenones, Alkyl radicals, Chlorides, Bromides.

(Unannounced)

62-10113

I. Auwers, K.
II. Ziegler, K.
III. Title: Carboxylic . .
IV. Title: Chloro- .

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

Hahn, Otto,
THE EMANATING CAPACITY OF FINELY-DIVIDED PRECIPITATES AS A MEANS FOR STUDYING SURFACE CHANGES. [1963] [15p] (figs refs omitted) 1 ref
Order from SLA $1.60 TT-64-14284

Trans. of Justus Liebig's Ann[alen] der Chemie (Germany) 1924, v. 440, p. 121-139.

DESCRIPTORS: *Gels, *Surface properties, Diffusion, Radon, Nickel compounds, Hydroxides, Iron compounds, Alcohols.

(Chemistry--Physical, TT, v. 11, no. 10)

TT-64-14284

1. Hahn, O.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

Stereochemistry of Diepoxide Ring Systems. II. Stereoisomerism of Decahydroquinolines, by Walter Hückel, Friedrich Stepf, 9 pp. HOPCHM

GERMAN, per, Justus Liebigs Ann Chem, Vol CDXXIX, 1927, pp 163-175.

CIA/FDD X7-612

Sci - Chem, Phys
Jun 59

USIB INTERNAL USE ONLY

58,179

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

The Increase of Ionization Ability of Weak Electrolytes by Complex Formation and Its Significance for Catalytic Processes, H. Meerwein.
FRENCH, per, Justus Liebig's Annalen der Chemie, Vol 455, 1927, pp. 227-53.
NTC69-1o713-07D

Sci-Chem
July 69

386,727

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

Malonitrile and Malonitrile Condensation: II, by
Rudolf Schenck, H. Finken, 13 pp.

GERMAN, per, Justus Liebigs Ann der Chemie,
Vol CDXII, 1928, pp 267-277.

SLA 59-15937

Sci
Dec 59
Vol 2, No 5

103,522

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

Ziegler, K[arl] Crossmann, F., Kleinger, H., and Schafer, O.
REACTIONS BETWEEN UNSATURATED HYDROCARBONS AND ALKALI METAL ALKYLS. Pt. 1 of [Research on Alkali Organic Compounds]. [1963] 48p (figs omitted)
Order from K-H $48.00 K-H-3559-a

Trans. of [Justus Liebigs] Annalen der Chemie (Germany) 1929, v. 473, p. 1-35.

DESCRIPTORS: *Alkyl radicals, *Alkali metal compounds, *Hydrocarbons, Chemical reactions

(Chemistry--Organic, TT, v. 10, no. 12)

63-22839

I. Ziegler, K.
II. Crossmann, F.
III. Kleinger, H.
IV. Schafer, O.
V. Title: Research...
VI. K-H-3559-a
VII. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

Ziegler, K[arl] and Kleiner, M.
POLYMERIZATION OF UNSATURATED HYDROCARBONS UNDER THE INFLUENCE OF ALKALI METALS AND ALKALI METAL ALKYLS. Pt. 3 of [Research on Alkali Organic Compounds]. [1963] 37p (figs omitted)
Order from K-H $37.00 K-H 3559 b

Trans. of [Justus Liebigs] Annalen der Chemie (Germany) 1929, v. 473, p. 57-82.

DESCRIPTORS: *Alkyl radicals, *Alkali metals, *Hydrocarbons, Polymerization

(Chemistry--Organic, TT, v. 11, no. 1)

TT-63-22832

I. Ziegler, K.
II. Kleiner, M.
III. K-H-3559-b
IV. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

Investigations of Metal Alcoholates and Ortho Acid Esters, Part I. Alkoxo Acids and Their Salts, by T. Bersin, H. Meerwein. FRENCH, per, Justus Liebig's Annalen der Chemie, Vol 476, 1929, p. 113-50
NTC 69-10712

Sci-Chem
July 69

386,708

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

Meerwein, Hans and Bersin, Theodor.
INVESTIGATIONS CONCERNING METAL ALCOHOLATES AND ORTHO ACID ESTERS. I. ALKOXO ACIDS AND THEIR SALTS. [1963] [34]p. 37 refs.
Order from SLA $3.60 63-18255

Trans. of [Justus Liebigs] Annalen der Chemie (Germany) 1929, v. 476, p. 113-150.

DESCRIPTORS: *Esters, *Metalorganic compounds, *Alkoxy radicals, *Alkali metal compounds, *Alkyl radicals, Hydroxyl radicals, Methyl radicals, Propyl radicals, Ethyl radicals, Organic acids.

(Chemistry--Organic, TT, v. 10, no. 12)

63-18255

1. Title: Alcoholates
2. Title: Alkoxo acids
I. Meerwein, H.
II. Bersin, T.
III. Title: Alkoxo . . .

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

Electrolytic Nature of Some Alkali Organic Compounds. Part IV. Research on Alkali Organic Compounds, by K. Ziegler, H. Wollschitt, 17 pp. GERMAN, per, Justus Liebigs Annalen der Chemie, Vol CCCCLXXIX, 1930, pp 123-134. K-H 3456 c

TT-64-11705

Sci-Chem
March 64

252,071

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

FRANKE, W. Simple and complex ferro-compounds of carboxylic acid.
Justus Liebigs Annaln Chem. 491:30-51 (1931)
(AAEC LIB/TRANS 242)

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

Synthesen in the Hydroaromatic Series, by
Kurt Alder, Otto Diels, 9 pp.

GERMAN, Ex per, Justus Liebigs Annalen der
Chemie, Vol CDXC, 1931, pp 236-242.

US Dept of Commerce
Patent Office Sci Lib (Gifts)

41,209

Sci - Engineering
Chemistry
Dec 56 CTS

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

Lettre, H.
ADDITION COMPOUNDS AND MIXED CRYSTALS IN THE STEROL SERIES. [13 Jan 53] 10p (figs formulae refs omitted)
Order from SLA $1.10 TT-64-14767

Trans. of [Justus Liebigs] Ann[alen der Chemie] (Germany) 1932, v. 495, p. 41-60.

(Chemistry--Organic, TT, v. 11, no. 12)

TT-64-14767

I. Lettre, H.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

The Occurrence of Chlorophyll Derivatives in an Oil Shale From the Upper Triassic, by A. Treibs.

GERMAN, per, Justus Liebigs' Annalen der Chemie, Vol DIX, Leipzig, 1934, pp 103-114.

S 1,241

Dept of Interior
Bu of Mines
Petroleum Exper Sta Lib
Bartlesville, Okla.
Tr 63

Sci
May 59

ATS 87J17G
ATS 113-GJ

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

Ziegler, K[arl] Dersch, F., and Wollthan, H.
THE MECHANISM OF THE POLYMERIZATION OF UNSATURATED HYDROCARBONS BY ALKALI METALS AND ALKALI ALKYLS. Pt. 9 of [Research on Alkali Organic Compounds]. [1963] 50p (figs omitted)
Order from K-H $50.00 K-H-3456-f

Trans. of [Justus Liebigs] Annalen der Chemie (Germany) [1934] v. 511, p. 13-44.

DESCRIPTORS: *Alkyl radicals, *Alkali metal compounds, *Hydrocarbons, Polymerization

(Chemistry--Organic, TT, v. 10, no. 12)

63-22840

I. Ziegler, K.
II. Dersch, F.
III. Wollthan, H.
IV. Title: Research...
V. K-H-3456-f
VI. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

Ziegler, K., Jakob, L., Wolthan, H., and Wenz, A. THE FIRST PRODUCTS OF THE ACTION OF ALKALI METALS ON BUTADIENE. [1963] 30p 13refs Order from SLA $2.60 TT-64-10117

Trans. of [Justus Liebigs] Annalen [der Chemie] (Germany) 1934, v. 511, p. 64-88.
Another trans. is available from SLA as AL-844, 30p.

DESCRIPTORS: *Butadienes, *Alkali metals, Chemical reactions, Hydrocarbons,

(Chemistry--Organic, TT, v. 11, no. 5)

TT-64-10117

I. Ziegler, K.
II. Jakob, L.
III. Wolthan, H.
IV. Wenz, A.
V. SLA-AL-844

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

Staudinger, H. and Dreher, E.
ON THE CONSTITUTION OF POLYPROPENYL-BENZENE AND ITS DERIVATIVES. Communication 110 on High Polymeric Compounds. [1963] 39p (formulae omitted) 49refs
Order from SLA $3.60 TT-63-18953

Trans. of [Justus Liebigs] Annalen der Chemie (Germany) [1935] v. 517, p. 73-104.

DESCRIPTORS: *Phenolic plastics, *Styrene plastics, Viscosity, Molecular weight, Phenyl radicals, Benzenes, Polymerization, Colloids, Physical properties.

(Materials--Plastics, TT, v. 11, no. 2)

TT-63-18953

I. Title: Polypropenyl-benzene
I. Staudinger, H.
II. Dreher, E.
III. Title: High...
IV. Title: Macromolecular compounds

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

Ziegler, K., Häffner, F., and Grimm, H.
STEREOCHEMICAL STUDIES. II. cis-1, 2-DIMETHYLETHYLENE FROM BUTADIENE-(1, 3). [1963]
20p 25refs
Order from SLA $1.60 TT-64-10118

Trans. of [Justus Liebigs] Ann[alen der Chemie] (Germany) 1937, v. 528, p. 101-113.
Another trans. is available from SLA as AL-842, 20p

DESCRIPTORS: *Stereochemistry, *Butenes, Ethylene derivatives, Methyl radicals, Synthesis (Chemistry), *Butadienes, Hydrogenation, Catalysts Metalorganic compounds, *Ziegler catalysts.

(Chemistry--Organic, TT, v. 11, no. 5)

TT-64-10118

I. Ziegler, K.
II. Häffner, F.
III. Grimm, H.
IV. Title: cis-1, 2-Dimethylethylene ...
V. SLA-AL-842

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

Cyanic Acid and Sulfuric Acid Cyanic Acid, II, by Martin Linhard, 18p.
GERMAN, per, Justus Liebigs Annalen der Chemie, Vol 535, 1938, pp 267-284.
BLA TT-64-20076

332, 282

Sci
Jul 67

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

Huckel, Walter and Bretschneider, Horst.
REACTIONS OF UNSATURATED AND POLYNUCLEAR AROMATIC HYDROCARBONS WITH Na AND Ca IN LIQUID NH_3. [1963] 46p 27refs
Order from SLA $4.60 TT-64-10142

Trans. of [Justus Liebigs] Ann[alen der Chemie] (Germany) 1939, v. 540, p. 157-189.
Another trans. is available from SLA as I-267, 46p.

DESCRIPTORS: *Hydrocarbons, *Sodium compounds, *Calcium compounds, Solubility, *Ammonia, Liquids, Chemical reactions, Naphthalenes, Benzine derivatives,

(Chemistry--Organic, TT, v. 11, no. 5)

TT-64-10142

I. Huckel, W.
II. Bretschneider, H.
III. SLA-I-267

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

TT-63-22839

Ziegler, K[arl] Grimm, H., and Willer, R.
CONTROLLED [illegible] POLYMERIZATION OF BUTADIENE [illegible]
Pt. 15 of [Research] on Alkali Organic Compounds
[1963] 48p (figs omitted)
Order from K-H $48.00 K-H 3456-m

Trans. of [Justus Liebigs] Annalen der Chemie (Germany) 1940, v. 542, p. 90-122.

DESCRIPTORS: *Butadienes, Polymerization, Organic compounds

(Chemistry--Organic, TT, v. 11, no. 1)

I. Ziegler, K.
II. Grimm, H.
III. Willer, R.
IV. K-H-3456-m
V. Title: Research ...
VI. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

Schmitt, Josef.
SYNTHESIS IN THE CAROTENOID SERIES. I. A NEW METHOD FOR THE PREPARATION OF HEXATRIENES. [1964] 12p (figs omitted) 8refs
Order from SLA $1.60 TT-64-14017

Trans. of [Justus Liebigs] Ann[alen der Chemie] (Germany) 1941, v. 547 [no. 2] p. 103-115.

(Chemistry--Organic, TT, v. 11, no. 12)

TT-64-14017

I. Schmitt, J.
II. Title: New ...

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

Organic Osmium Compounds, Part 2, by R. Criegee, D. Marchand, H. Wannowius, 26 pp.

GERMAN, per, Justus Liebigs Annalen der Chemie, Vol IL, 1942, pp 99-133.

ATS-18N520

172,749

Sci
Oct 61

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

The Halogenation of Unsaturated Substances in the Allyl Position, by K. Ziegler, A. Spath, 2 p.

GERMAN, per, Partial trans, Justus Liebig's Ann der Chemie, 1942, Vol DLI, No 1-3, pp 80-119.

SLA 60-10557

Sci
May 60
Vol 3, No 4

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

Siedel, Walter and Winkler, Fritz.
DI-OPSOPYRRO-QUINONE. [1963] 7p 6refs
Order from SLA $1.10 TT-64-14766

Trans. of [Justus Liebigs] Ann[alen der Chemie]
(Germany) 1943, v. 554, p. 201-212.

(Chemistry--Organic, TT, v. 11, no. 12)

TT-64-14766

I. Siedel, W.
II. Winkler, F.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

Borsh, Walther and Ried, Walter.
THE SYNTHESIS OF QUIONOLINE WITH 2-AMINO-BENZAL-4-TOLUIDINE. [1963] 16p 8refs
Order from SLA $1.60 TT-64-14765

Trans. of [Justus Liebigs] Ann[alen der Chemie] (Germany) 1943, v. 554, p. 269-290.

(Chemistry--Organic, TT, v. 11, no. 12)

TT-64-14765

I. Borsh, W.
II. Ried, W.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

Heyns, Kurt.
OXIDATIVE TRANSFORMATIONS ON CARBOHYDRATES I. DETERMINATION OF 1-SORBOSE IN PRESENCE OF 2-KETO-1-GULONIC ACID. [1964] 10p
Order from K-H $6.00 K-H-2950-c

Trans. of [Justus] Liebigs Ann[alen der] Chem[ie] (Germany) v. 558, p. 171-177.

(Biological Sciences--Biochemistry, TT, v. 12, no. 1)

TT-64-12879

I. Heyns, K.
II. Title: Determination...
III. K-H-2950-c
IV. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

The Study of Aliphatic Carbodiimides, Part IV, by E. Schmidt, W. Striewsky.

GERMAN, per, Justus Liebigs Ann Chem, Vol DLX, 1948, pp 222-231.

SLA 58-604

Sci

Aug 59

95, 111

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

Monoisocyanates and Polyisocyanates, by Werner Siefken, 69 pp.

German, per, Justus Liebigs Annal der Chem, Vol DLXII, No 2, 1949, pp 75-109.

9LA 59-15983

Sci
Dec 59
Vol 2, No 5

104,264

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

Report on Polyurethanes. Part V. Low Molecular Reaction Products of Aliphatic Diisocyanates, by S. Petersen.
GERMAN, per, Justus Liebig's Annalen der Chemie, Vol 562, 1949, pp 205-229.
NTC-71-10058-07C

Nov 71

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

Addition Compounds of Urea With Aliphatic Compounds, by W. Chlenk.

GERMAN, per, Justus Liebig's Annalen Der Chemie, Vol DLXV, 1949, pp 204-240.

C.S.I.R.O.

Sci

May 50

115,742

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

Ziegler, K[arl] and Gellert, H. G.
REACTIONS BETWEEN LITHIUM ALKYLS AND ETHERS. [1963] 11 p (figs omitted) 5refs
Order from SLA $1.60 63-18952
K-H-34561-1
Partial trans. (p. 185-190) of [Justus] Liebigs Ann[alen der Chemie] (West Germany) 1950, v. 567, p. 185-195.

DESCRIPTORS: *Ethers, *Alkyl radicals, *Lithium compounds, Decomposition, Chemical reactions.

(Chemistry--Organic, TT, v. 10, no. 12)

63-18952

I. Ziegler, K.
II. Gellert, H. G.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

On the Conversion of Formaldehyde to Carbohydrates, by R. Mayer.
GERMAN, per, Justus Liebig's Annalen der Chemie, Vol 635, 1960, pp 145-153
NTC 72-11715-07C

June 72

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

Ziegler, K[arl] and Gellert, H. G.
ADDITION OF LITHIUM ALKYLS TO ETHYLENE.
[1963] 18p (figs omitted) 18refs
Order from SLA $1.60 63-18956

Trans. of [Justus Liebigs] Ann[alen der Chemie] (West Germany) 1950, v. 567, p. 195-203.

DESCRIPTORS: *Ethylenes, *Alkyl radicals, *Lithium compounds, Additives, Pyrolysis, Chemical reactions.

(Chemistry--Organic, TT, v. 10, no. 12)

63-18956

I. Ziegler, K.
II. Gellert, H. G.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

Investigations on the Formation of Ni-
[illegible], by Peter Kurtz, 85 pp.

GERMAN, per, Justus Liebigs Annalen
der Chemie, Vol DLXXII, No 1, 1951,
pp 23-82.

SLA 60-16881

Sci
Vol IV, No 7
Apr 62

193,839

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

1, 4-Dicyano-2-Butene, by H. -P. Piepenbrink, 18 p.

GERMAN, per, Justus Liebigs Annalen der Chemie
1951,- Vol DLXXII, pp 83-95.

SLA 60-10151

Sci
Apr 60
Vol III, No 3

112,094

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

TT-65-14034 Field 7C

Schlenk, W., Jr.
THE THIOUREA ADDITION OF ORGANIC COMPOUNDS.
27p, 13refs.
Order from SLA: $2.60 as TT-65-14034

Trans. of Justus Liebigs Annalen der Chemie (West Germany) v573 n2 p142-62 1951.

MP 671

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The Behavior of the Diphenylmetals as Complex Formers, by Georg Wittig, FriedrichJ. Meyer, Lunter Lange, 55pp
GERMAN, per, Justus Liebigs Annalen der Chemie, Vol 571, 1951, No 3, pp 167-201
SLA TT-65-10085

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On the Ethyl Ester Mixture of the Tetrameric Metaphosphoric Acids, by Rudi Baetz, Erich Thilo, 21 pp.

GERMAN, per, Justus Liebigs Annalen der Chemie, Vol DLXXII, No 3, pp 173-189.

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Lynen, F., Reichert, B., and Rueff, L.
ON THE BIOLOGICAL DECOMPOSITION OF ACETIC ACID. VI. ACTIVATED ACETIC ACID, ITS ISOLATION FROM YEAST AND ITS CHEMICAL NATURE [1963] 11p 5refs
Order from SLA $1.60 TT-63-20535

Partial trans. (p. 24-32) of [Justus Liebigs] Ann[alen der Chemie] (West Germany) 1951, v. 574, p. 1-32.

DESCRIPTORS: *Yeasts, *Acetic acid, Enzymes, Decomposition, Quantitative analysis, Acetylation, Chemical properties, Biochemistry.

(Biological Sciences--Biochemistry, TT, v. 11, no. 3)

TT-63-20535

I. Lynen, F.
III. Reichert, B.
III. Rueff, L.
V. Title: Activated ...

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Schlubach, Hans Heinrich and Franzen, Volker.
RESEARCHES ON ACETYLENES. VI. THE REACTION OF ACETYLENES WITH PERACIDS: ACETYLENE OXIDES. [1963] 11p. 7 refs.
Order from SLA $1.60 63-18455

Trans. of Justus Liebigs Annalen der Chemie (West Germany) 1952, v. 577, p. 60-68.

DESCRIPTORS: *Acetylene, *Acetylene derivatives, *Oxides, Addition reactions, Organic acids, Carboxylic acids.

It is shown that the primary stage in the action of peracids upon acetylenes is the addition of 1 atom of oxygen, as with the ethylenes. But whereas in the latter the reaction comes to a stop with the ethylene oxides that are formed, the acetylene oxides produced from former compounds readily add more oxygen, with
(Chemistry--Organic, TT, v. 10, no. 12) (over)

63-18455

I. Title: Acetylene oxides
I. Schlubach, H. H.
II. Franzen, V.
III. Title: Reaction...
IV. Title: Acetylene...

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[redacted]

Preparation and Properties of Derivatives of N-Vinylcarbamic Acid, by Artur Seher, 9 p.

CHEMIE, per, Justus Liebigs Ann, 1952, Vol DLXXV, No 3, pp 153-161.

SLA 59-17051

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Jan 60
Vol 2, No 8

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[redacted]

TT-64-10762

Wieland, Theodor and Bokelmann, Ekkehart.
THE BEHAVIOR OF SOME S-ACYL-AMINOMERCAPTANS. [1964] 7p
Order from SLA $1.10 TT-64-10762

Partial trans. (p. 20-27) of [Justus Liebigs] Annalen der Chemie] (West Germany) 1952, v. 576, p. 20-27.

I. Wieland, T.
II. Bokelmann, E.

(Chemistry--Organic, TT, v. 12, no. 2)

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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200890022-5

Synthesis of Some Simple Sulfoxides and Sulfones, by Siegfried Hunig, Otto Boas, 10 pp.

GERMAN, per, Justus Leibigs Annalen der Chemie, Vol DLXXIII, 1953, pp 23-27.

SLA 60-16880

Sci
Vol IV, No 7
Apr 62

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Graf, Roderich.
THE REACTION MECHANISM OF SULFOXIDATION. [1963] 65p (figs. omitted) 32refs
Order from SLA $6.60 63-18685

Trans. of Justus Liebigs Annalen der Chemie (West Germany) 1952, v. 575, p. 30-82.

DESCRIPTORS: *Cyclohexanes, Sulfoxides, Iodine, *Sulfonic acids, *Sulfuration, *Oxidation, Ultraviolet radiation, Organic acids, Peroxides, Chemical reactions.

Topics include: cyclohexanepersulfonic acid as primary stage of the sulfoxidation; the secondary reactions; sulfoxidation in presence of other reactants; and, chain reactions released by acetylcyclohexanesulfonyl peroxide.

(Chemistry--Organic, TT, v. 10, no. 10)

63-18685

1. Graf, R.

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Photochemical Reactions II. The Unsensitized and Photosensitized Autoxidation of Furans, by Guenther O. Schenck, 49 pp.

GERMAN, per. Justus Liebigs Annal der Chemie, Vol DLXXXIV, No 2-3, 1953, pp 156-176.

SLA 59-15908

Soi
Dec 59
Vol 2, No 5

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